

SPECIFICATION

Quartz Slab Technical Specifications

PROPERTY	RESULTS	METHOD
Water Absorption	<0.05%	ASTM C97-09
MOH's Hardness	6.5 - 7	MOH's Hardness Scale
Thermal Shock	No Damage, Passed 5 Cycles	ASTM C484
Compressive Strength	24000 Psi	ASTM C170
Flexural Strength	8500 - 9000 Psi	ASTM C880
Moisture Absorption	Negligible	ASTM C97
Abrasion Resistance	89 - 190 mm ³	ASTM C1253
Density	2.4 g/cm ³	ASTM C373
Cigarette Test	Unaffected	ANSI Z124.6
Stain Resistance	Unaffected	ANSI Z124.6
Bond Strength	205 Psi	ASTM C482
Wear Resistance	Unaffected	ANSI Z124.6
Thermal Expansion	1.2 x 10 ⁻⁵ in/f	ASTM C531
Chemical Resistance	Unaffected	ASTM C650
De-Icing Resistance	Unaffected	ASTM C672
Freeze-Thaw Resistance	No Damage, Passed 15 cycles	ASTM C1026
Surface Burning Characteristics	17 (Class A/1 Rating)	ASTM E84

SLAB SIZE - 320cm x 160cm & 320cm x 145cm (127.5 in x 63.7 in & 127.5 in x 57 in)

THICKNESS - 1.5cm, 2.0cm & 3.0cm

COMPARISON

BABA QUARTZ | Composite Marble | Porcelain Tiles | Granite | Imported Marble

CHARACTERISTICS	BABA QUARTZ	COMPOSITE MARBLE	PORCELAIN TILES	GRANITE	IMPORTED MARBLE
Resistance to chemicals	High	Low	High	Moderate	Low
Hardness	High	Low	Low	Moderate	Low
Resistance to impact	High	Low	High	High	Low
Resistance to Stains	High	Low	High	Moderate	Low
Resistance to Scratch	High	Low	High	High	Low
Resistance to oil Absorption	High	Low	High	Moderate	Low
Heat Resistance	High	Low	High	Moderate	Low
Non Porous	High	Low	High	Low	Low
Ease to maintenance	Low	High	Low	Moderate	High
Resistance to microbial growth	Low	High	Low	Low	High
Cost saving through low wastage	High	Low	High	Low	Low
Maintenance	Low	High	Low	Low	High
Saving on installation	High	Low	High	Low	High
Resistance to water absorption	High	Low	High	Moderate	Low
Size consistency	High	Low	High	Low	Low
Colour Consistency	High	Low	High	Low	Low
Supply Consistency	High	High	High	High	Low
Colour/Pattern/Texture options	High	High	High	Low	Moderate
Full Body	Yes	Yes	No	Yes	Yes

Star Rating - BABA QUARTZ - ★★★★★ | Composite Marble ★★ | Porcelain Tiles ★★★★★ | Granite ★★★ | Imported Marble ★★

CARE & MAINTENANCE

Like all fine materials, Baba Quartz responds best when handled with due care and attention. Remember, it is always easier to wipe up a spill than it is to handle a dried on stain. Just wipe away any spilled food before it turns into a permanent stain.

Remember that detergents containing bleach and hard scouring granules may harm surfaces over time. Therefore, pay due attention in your detergent selection by never using cleaning products that contain soft or hard scouring granules such as vim scouring power or CIF Cream.

Products with pH close to neutral or with reduced pH effect (General cleaning products which may be commercially available on shelves) may be used at all times. However, prolonged contact with decalcifiers and products containing decalcifying agents as well as oil solvents and products containing oil solvents must be avoided.

Gently scrape away a plastic spatula any spills of paint, nail, enamel, chewing gum mustard and grease that become hard to remove when dried. Then cleanse the surface with water.

Quartz being one of the hardest minerals on earth, offers Baba Quartz an unparalleled strength and durability that prevent easy scratching and damage. Still, as with any surface, Baba Quartz can be permanently damaged by exposure to strong forces that undermine its physical properties. In order for your countertop to maintain its good looks for many years, always use a bread/chopping board and a table mat (trivet).

